

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE 2005/000222

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: G06F 17/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6636875 B1 (DAVID M. BASHANT ET AL), 21 October 2003 (21.10.2003), column 10, line 25 - column 13, line 10 --	1-18,28-35
X	WO 0246873 A2 (WAVESET TECHNOLOGIES, INC.), 13 June 2002 (13.06.2002), page 7, line 9 - line 28 --	1,17,28
A	US 6636873 B1 (ROBERT L. CARINI ET AL), 21 October 2003 (21.10.2003), abstract --	1-18,28-35
A	WO 9735265 A1 (SIEBEL SYSTEMS, INC.), 25 Sept 1997 (25.09.1997), abstract --	1-18,28-35

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"B" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

9 June 2005

Date of mailing of the international search report

16-06-2005

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Swedish Patent Office  
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## INTERNATIONAL SEARCH REPORT

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PCT/SE 2005/000222

US 6636875 B1 21/10/2003 NONE

WO	0246873	A2	13/06/2002	AU	3061602	A	18/06/2002
				CA	2436594	A	01/08/2002
				CA	2436636	A	13/06/2002
				EP	1356363	A	29/10/2003
				EP	1370938	A	17/12/2003
				IL	156287	D	00/00/0000
				IL	156288	D	00/00/0000
				JP	2004534987	T	18/11/2004
				JP	2004536364	T	02/12/2004
				US	20020093857	A	18/07/2002
				US	20020095395	A	18/07/2002
				WO	02059794	A	01/08/2002

US 6636873 B1 21/10/2003 NONE

WO	9735265	A1	25/09/1997	AT	253239	T	15/11/2003
				AU	2533797	A	10/10/1997
				DE	69725899	D,T	19/08/2004
				EP	1010096	A,B	21/06/2000
				JP	2000507375	T	13/06/2000
				US	6189011	B	13/02/2001
				US	6604117	B	05/08/2003
				US	20010051944	A	13/12/2001

# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>9648W0</b>	<b>FOR FURTHER ACTION</b> <span style="float: right; font-size: small;">see Form PCT/ISA/220 as well as, where applicable, item 5 below.</span>	
International application No. <b>PCT/SE 2005/000222</b>	International filing date ( <i>day/month/year</i> ) <b>18 February 2005</b>	(Earliest) Priority Date ( <i>day/month/year</i> ) <b>20 February 2004</b>
Applicant <b>ABB TECHNOLOGY LTD et al</b>		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☒ Certain claims were found unsearchable (see Box No. II)

3. ☐ Unity of invention is lacking (see Box No. III)

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

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## Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 19-27  
because they relate to subject matter not required to be searched by this Authority, namely:  
The subject-matter claimed in the claims 19-27 falls under the provision of Article 17(2) (a) and Rule 39 PCT, relating to  
.../...
2. ☐ Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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## Box II.1

such subject-matter for which no search is required. Given that the claims are formulated in terms of such subject-matter, or merely specify commonplace features relating to its technological implementation, the search examiner could not establish any technical solution which might potentially have required an inventive step to overcome. Hence it was not possible to carry out a meaningful search into the state of the art.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established will not be the subject of an international preliminary examination (Rule 66.1(e) PCT). This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

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Date of the actual completion of the international search 9 June 2005	Date of mailing of the international search report 16 -06- 2005
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer Tomas Erlandsson/MP Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT  
Information on patent family members

30/04/2005

International application No.

PCT/SE 2005/000222

US	6636875	B1	21/10/2003	NONE		
WO	0246873	A2	13/06/2002	AU	3061602 A	18/06/2002
				CA	2436594 A	01/08/2002
				CA	2436636 A	13/06/2002
				EP	1356363 A	29/10/2003
				EP	1370938 A	17/12/2003
				IL	156287 D	00/00/0000
				IL	156288 D	00/00/0000
				JP	2004534987 T	18/11/2004
				JP	2004536364 T	02/12/2004
				US	20020093857 A	18/07/2002
				US	20020095395 A	18/07/2002
				WO	02059794 A	01/08/2002
US	6636873	B1	21/10/2003	NONE		
WO	9735265	A1	25/09/1997	AT	253239 T	15/11/2003
				AU	2533797 A	10/10/1997
				DE	69725899 D,T	19/08/2004
				EP	1010096 A,B	21/06/2000
				JP	2000507375 T	13/06/2000
				US	6189011 B	13/02/2001
				US	6604117 B	05/08/2003
				US	20010051944 A	13/12/2001